

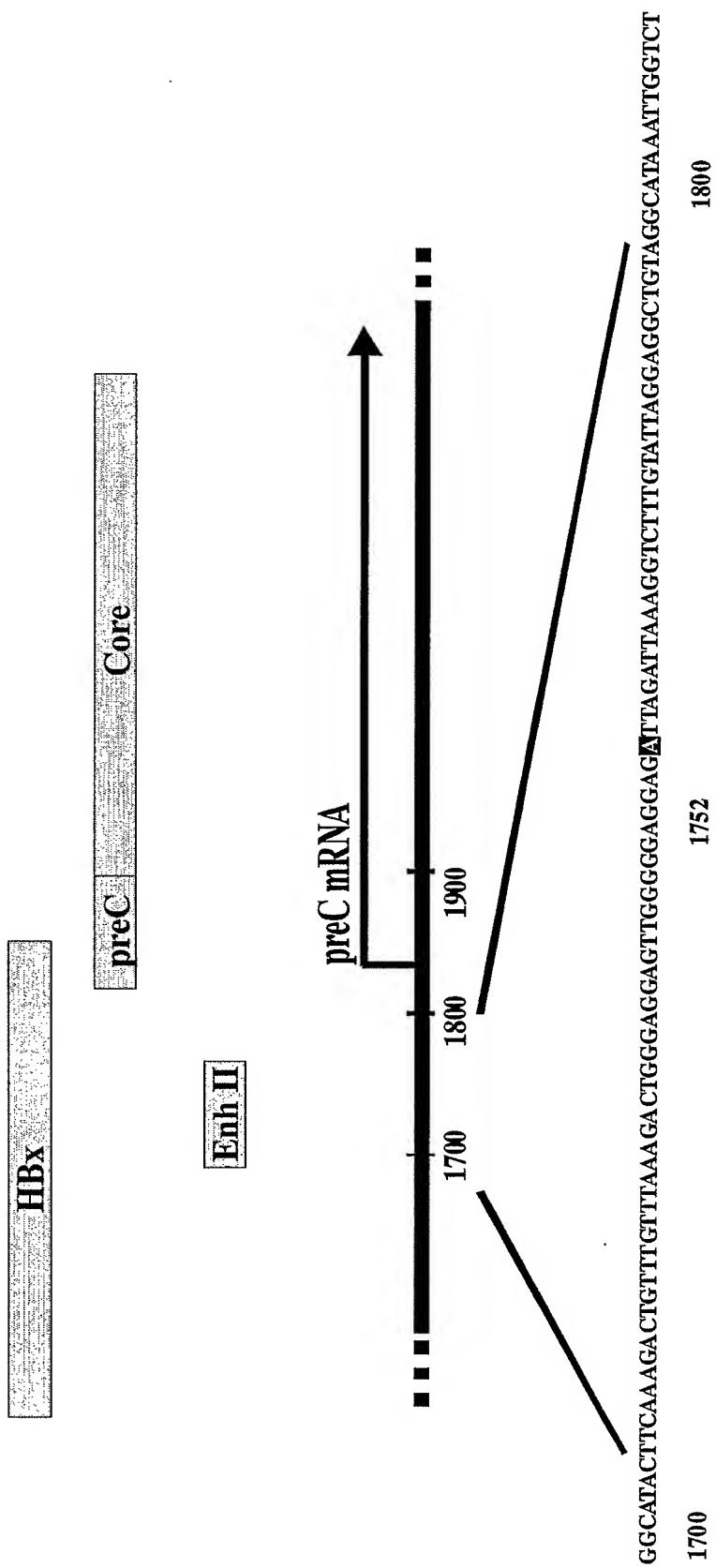
FIG. 1

FIG. 2

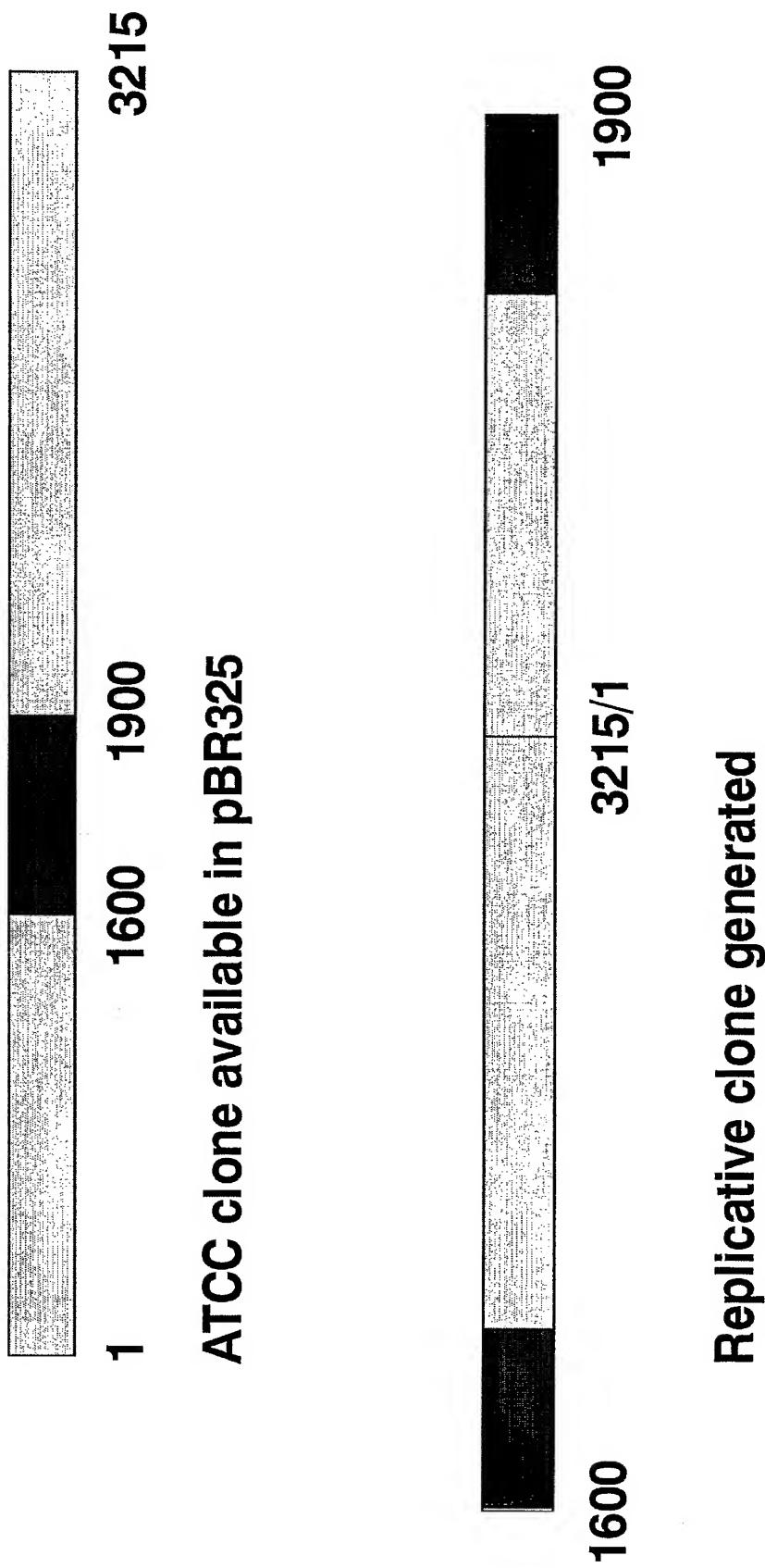
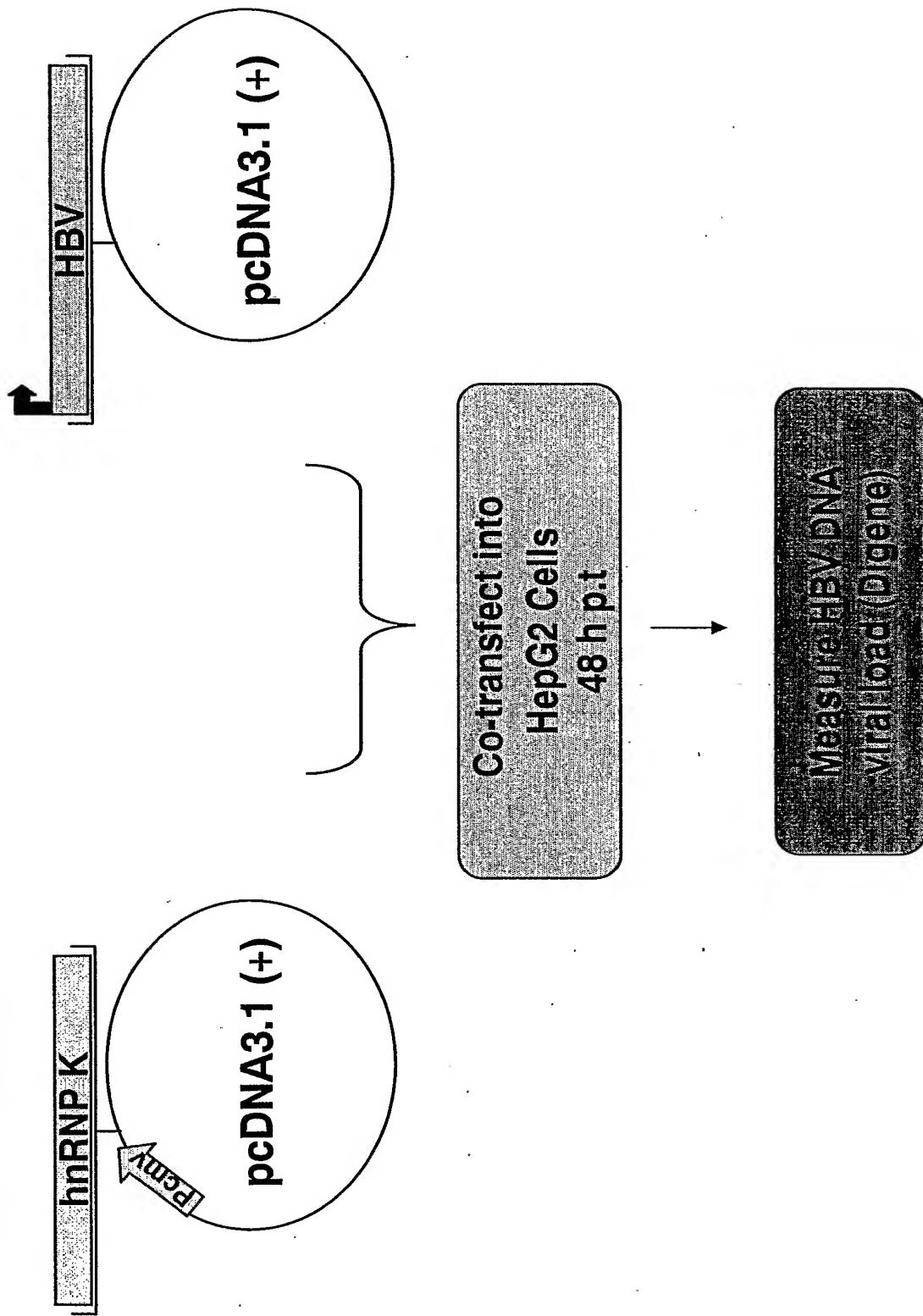
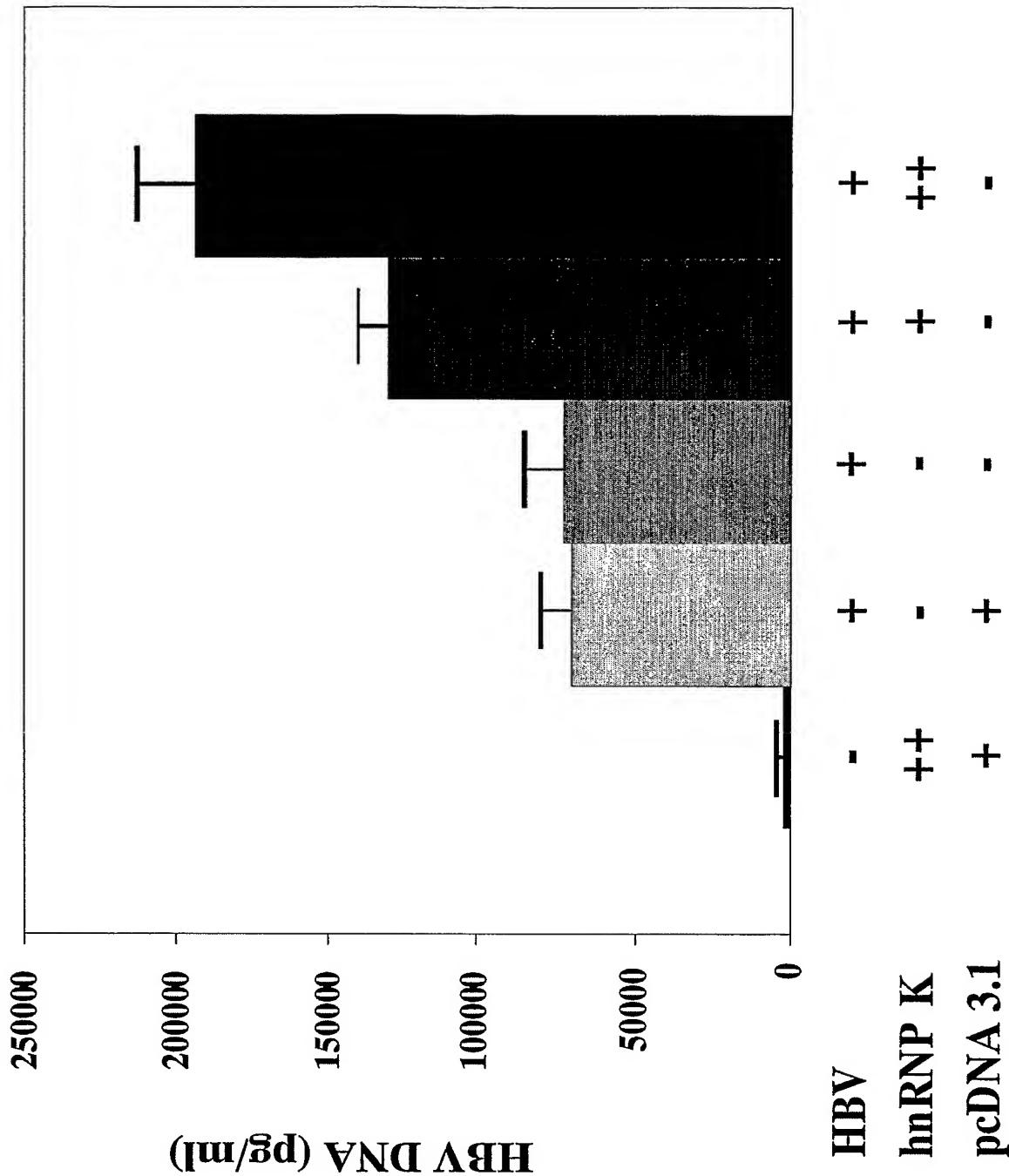


FIG. 3**HBV Replicative Clone**

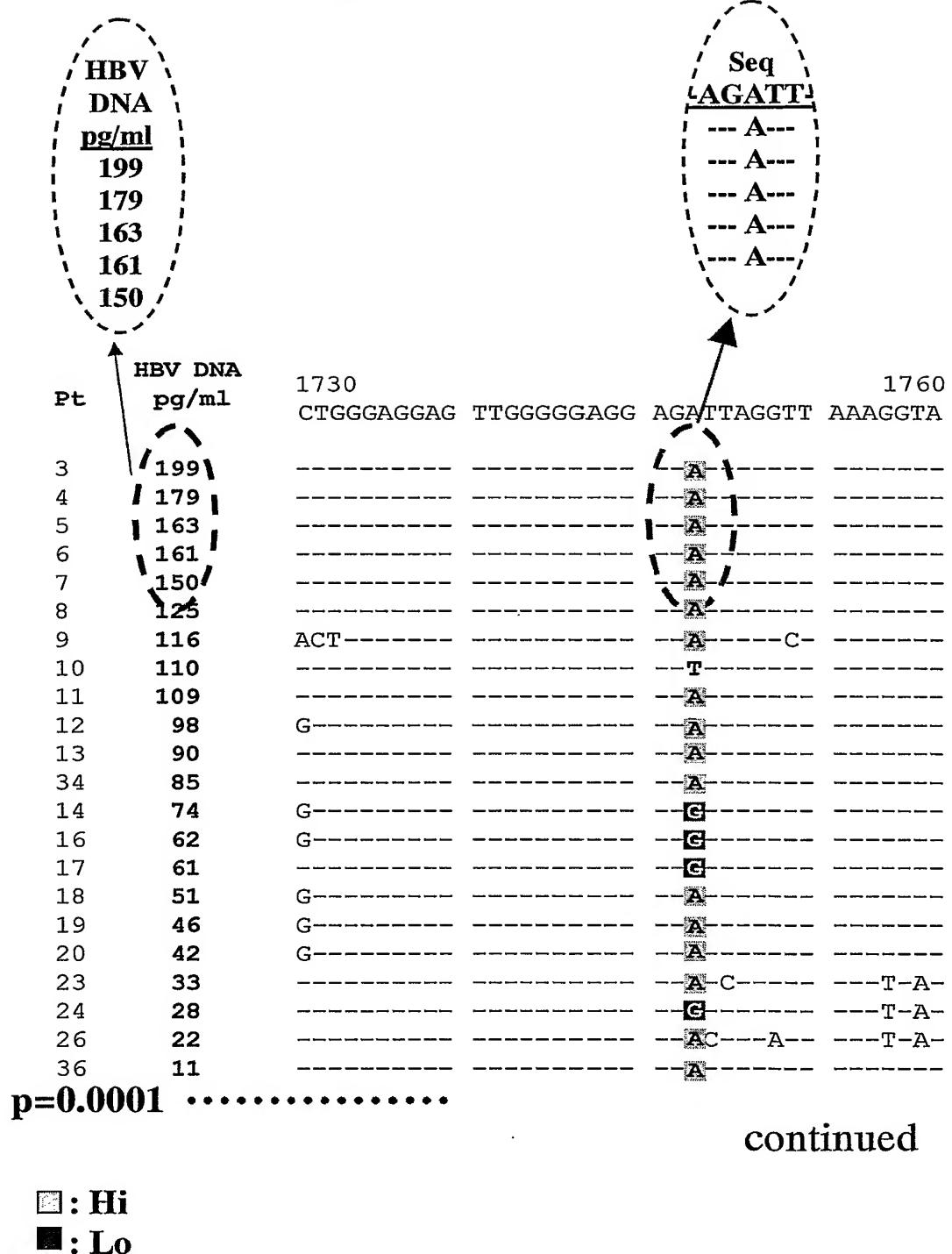
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FIG. 4



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FIG. 5



6 / 25

FIG. 5

- continuation -

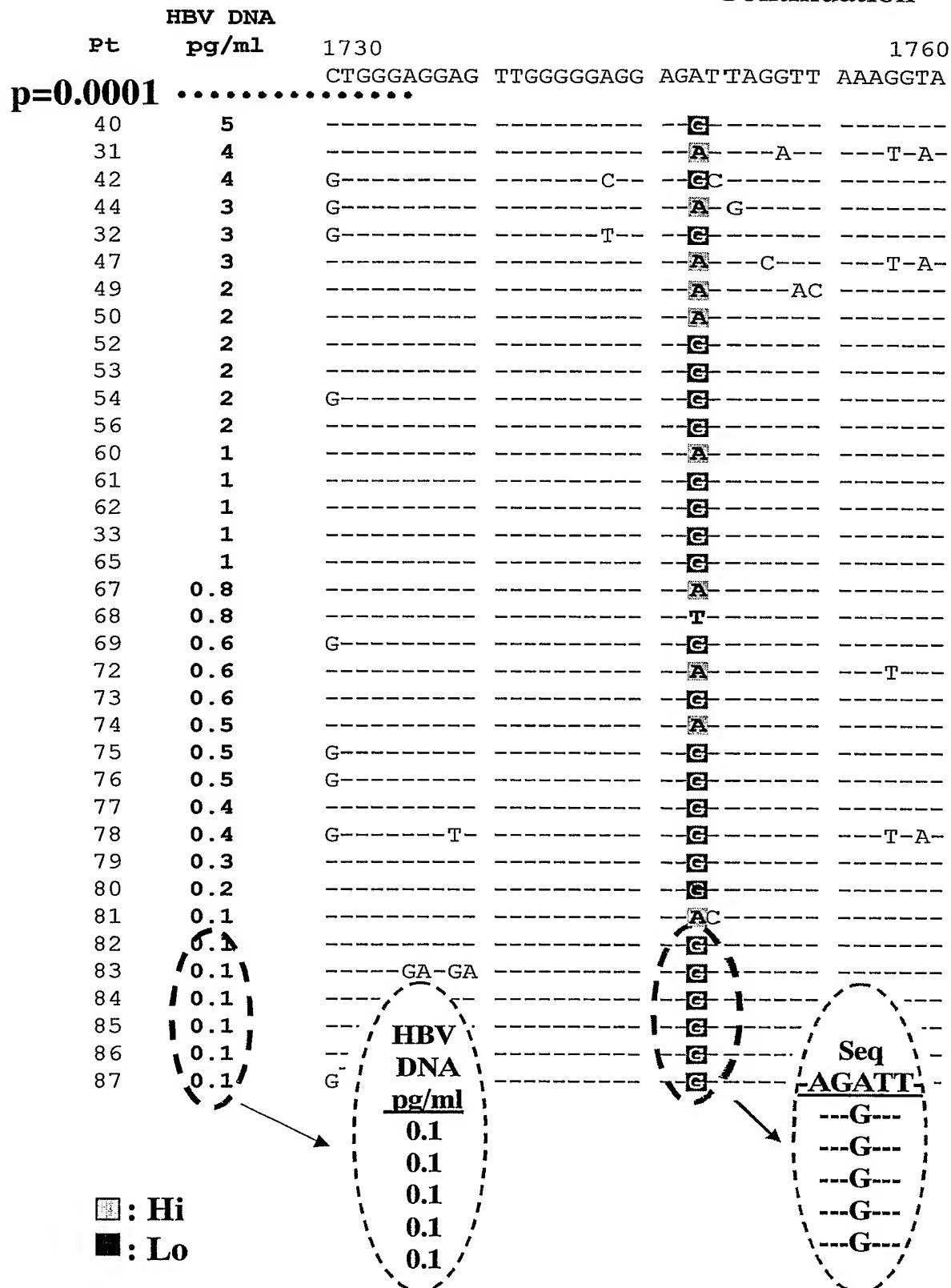


FIG. 6

1687

GAC CGACCCCTTGAG GCATTAACCTCA AAGACTGTTT GTTAAAGAAC TGGGGAGGAGT

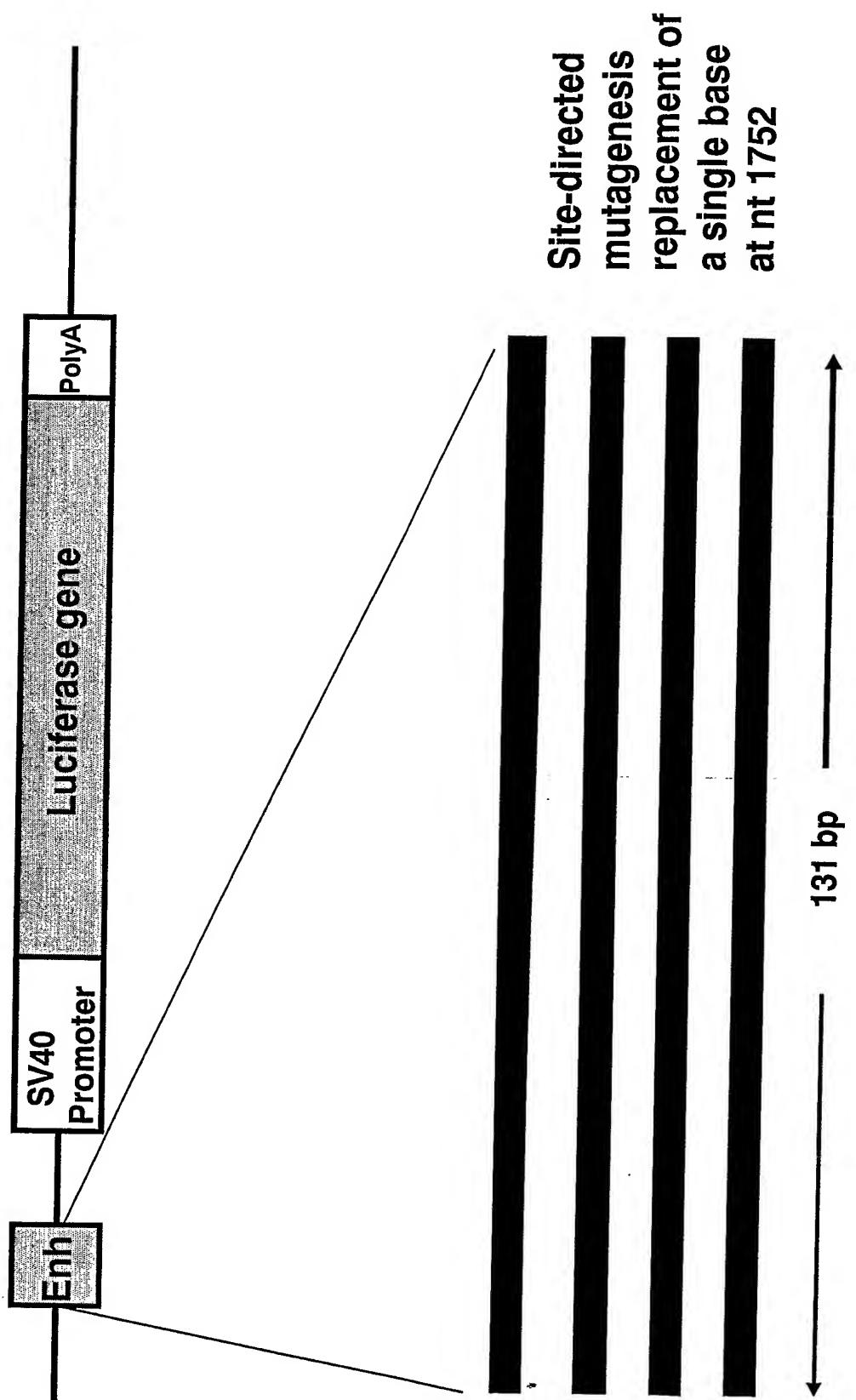
1741

TGGGGAGGA GATTAGGTAAAGGTCTTGT TACTAGGAGG CTGTAGGCAT AAATTGGTCT

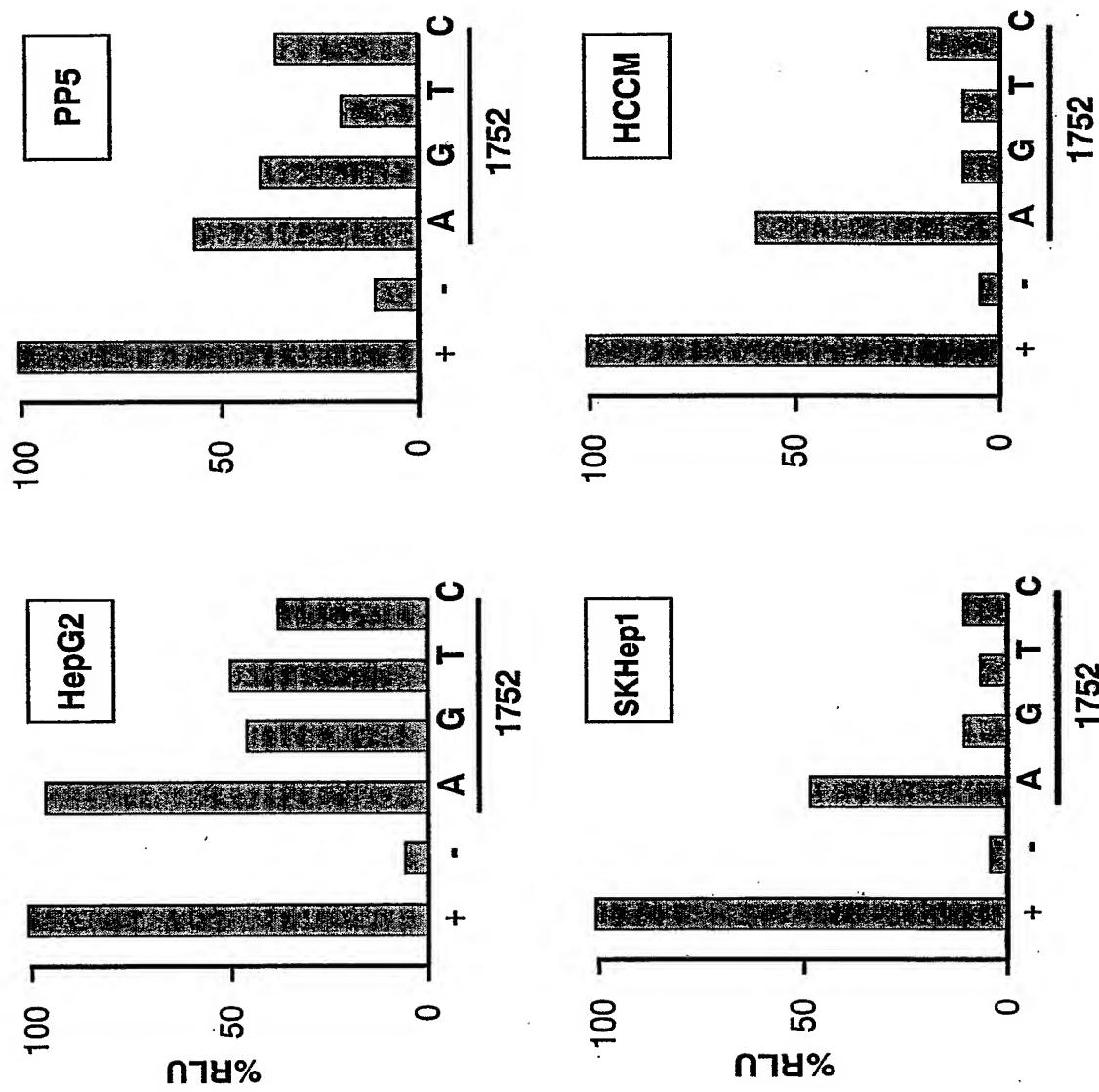
1801

GTTCAT

FIG. 7



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FIG. 8

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hnRNP_K variant 2

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FIG.

InhRNPK variant 2 (continued)

3

gaaagtttctaa

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hnRNPK variant 3

M E T E Q P E E T F P N T E T N G E F G K R P A E D M
 atggaaactgaacaggccagaagaaaaccttccctaaccactgaaaccatggtaattttggtaaacgcctgcagaagatatg 22
 E E Q A F K R S R N T D E M V E L R I L Q S K N A
 gaaaggagaacaaggcatttaaaagatcttagaaacactgtgatggatggattacgcattctgttcaggcaagaatgtct 44
 G A V I G K G G K N I K A L R T D Y N A S V S V P D S
 gggggcagtgttggaaaaggaggcaagaataaggctctccgtacagactacaatggccagggtttcagttccagacagc 66
 S G P E R I L S . I S A D I E T I G E I L K K I I P T I
 agtggcccccggccatattggataatttggagaattttgaaacaatttggatattttggataattttggaaattttggata 88
 E E G L Q L P S P T A T S Q L P L E S D A V E C L N Y 110
 gaaggaggggcctgcagggttgcacccactgcaaccaggccaggctcccgctcgaaatctgtatgtgtggaaatgtttac
 Q H Y L G S D F D C E L R L I H Q S L A G G I I G V 132
 caacactataaggaaagtgtacttgcgagggttgcgaggcttgcgaggcttgcgaggcttgcgaggcttgcgaggcttgc
 K G A K I K E L R E N T Q T T I K L F Q E C C P H S T 154
 aaaagggtgcttaaaaggaaacttcgaggagaacactcaaaccaccatcaaggctttccaggaaatgtgtcctcatccact
 D R V V L I G G K P D R V V E C I K I L D L I S E S 176
 gacaggatgttttatggggaaaaccggatagggtttaggttcatt
 P I K G R A Q P Y D P N F Y D E T Y D G F T M M F 198
 cccatcaaaggacgtgcacagccttatgtatcccaattttacgatgaaaccatgtattatgggttttacaatgtatgttt

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2
KH

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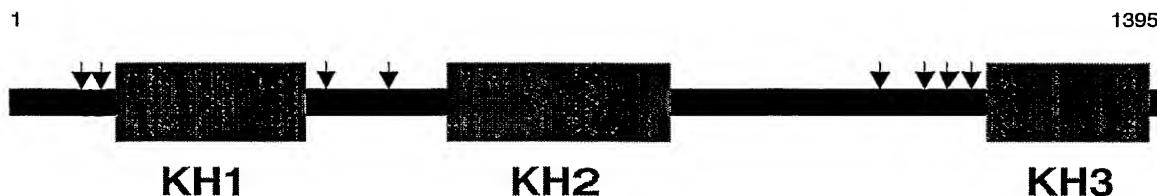
FIG. 9**hnRNPK variant 3 (continued)**

D D R R G R P V G F P M R G R G F D R M P P G R G G 220
 gatgaccgtcgccggacgcgcaggattccccatggggatgggttttgcagaatgccttcgtgggggggg
 R P M P P S R R D Y D D Y D M S P R R G P P P G R G 242
 cgtcccatgcctccatctagaagaggattatgtatggccctcgtcgaggaccacctcccccggacgaggc
 G R G S R A R N L P L P P P R G G D L M A Y D 264
 gggccggggggtagcagactcggaatcttcctccaccaccacccatggggggagacctcatggccatagac
 R R G R P G D R Y D G M V G F S A D E T W D S A I D T 286
 agaaaggaggaggacccatggaggaccggttacgacggcatggggatggggactcttgcaatagataca
 W S P S E W Q M A Y E P Q G S G Y D Y S Y A G G R G 308
 tggaggcccatcagaatggcagatggcttatgaaaccacagggtggctccggatatgattttccatgcggc
 S Y G D L G G P I I T Q V T I P K D L A G S I I G K 330
 tcataatggatctgggacccattactacaaggtaactattccaaaggatttggatctattttggaaaa
 G G Q R I K Q I R H E S G A S I K I D E P L E G S E D 352
 ggtggcaggatcaaataatccgtcatgaggcgaggcttcgtatcaaaaattgtatggccctttagaaaggatccgaagat
 R I I T I T G T Q D Q I Q N A Q Y L L Q N S V K Q Y **A** 374
 cggatcattaccatcaggaaacacaggaccatcagaacatggcggatggcggaaatggcggatattttggatctatggaaaa
D V E G F *

gatgttgaaggattctaa

KH3

FIG. 10



Subjects	Location	Mutation	Frequency	Variant
1	90A>G	Silent	1	V3
	112A>G	Asn > Asp	1	
	160G>A	Ala > Thr	1	
	215A>G	Tyr > Cys	1	
	1294G>A	Asp > Asn	1	
	1311T>C	Silent	1	
2	143T>C	Leu > Pro	1	V2
	392A>C	Asn > His	1	
3	667C>T	Missense	1	V3
4	734A>C	Asp > Ala	1	
8	278A>T	Asp > Val	1	V3
	469G>C	Gly > Arg	1	
	1252G>A	Gly > Arg	1	
	252C>T	Silent	2	
9	1242T>C	Silent	1	V3
	252C>T	Silent	2	
	324G>T	Leu > Phe	1	
	722T>C	Met > Thr	1	
10	664G>A	Ala > Thr	1	V3
	1108 to 1122	Deletion	2	
	1147C>G	Pro > Gly	1	
	1174G>A	Val > Ile	1	
12	1108 to 1122	Deletion	2	V2
	1216G>T	Gly > Cys	1	
13	685T>C	Phe > Leu	1	V2
	731A>T	Asp > Val	1	
	756A>C	Silent	1	
	780T>C	Silent	1	
	1067A>T	Glu > Va	1	

FIG. 1

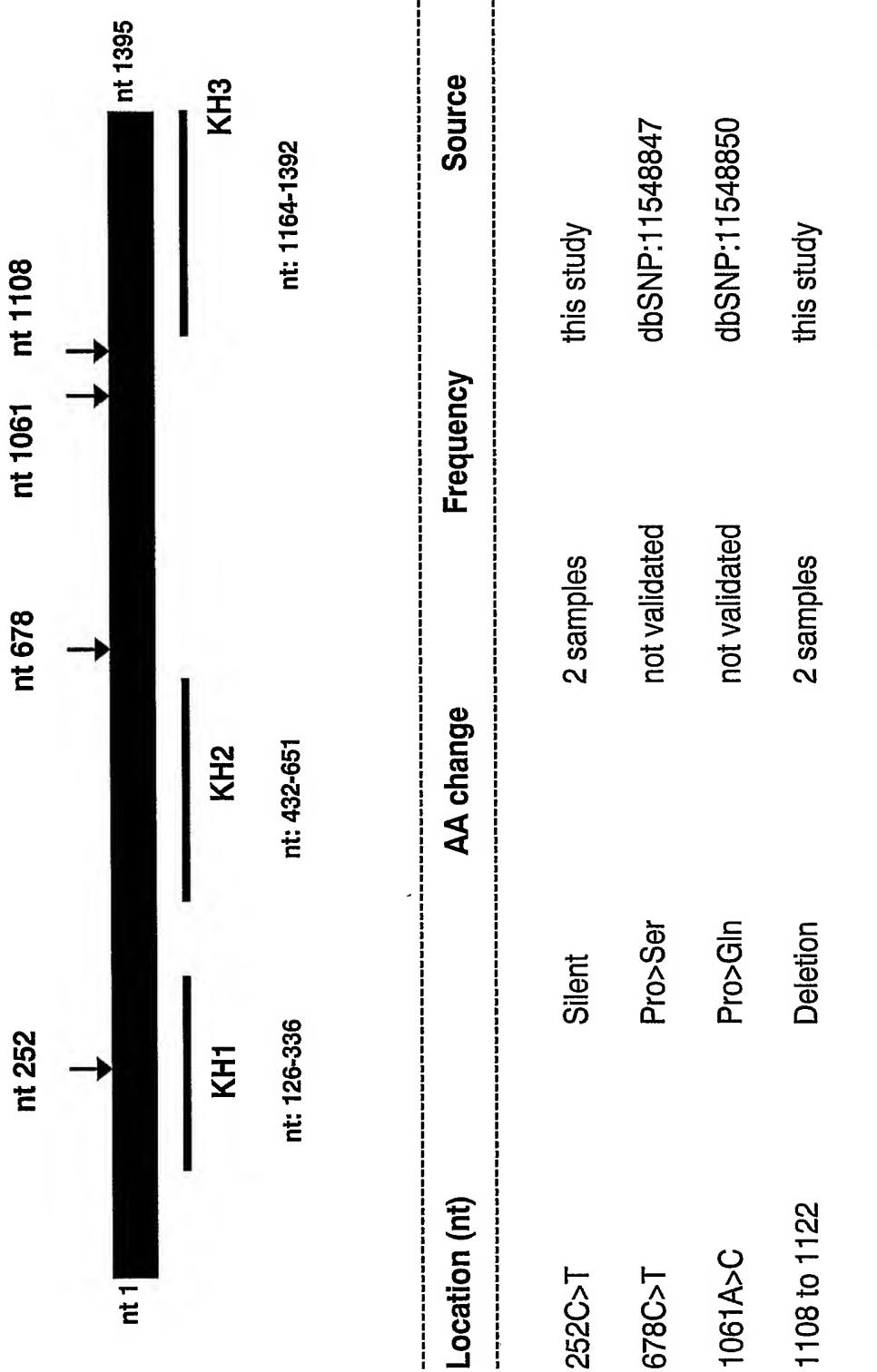
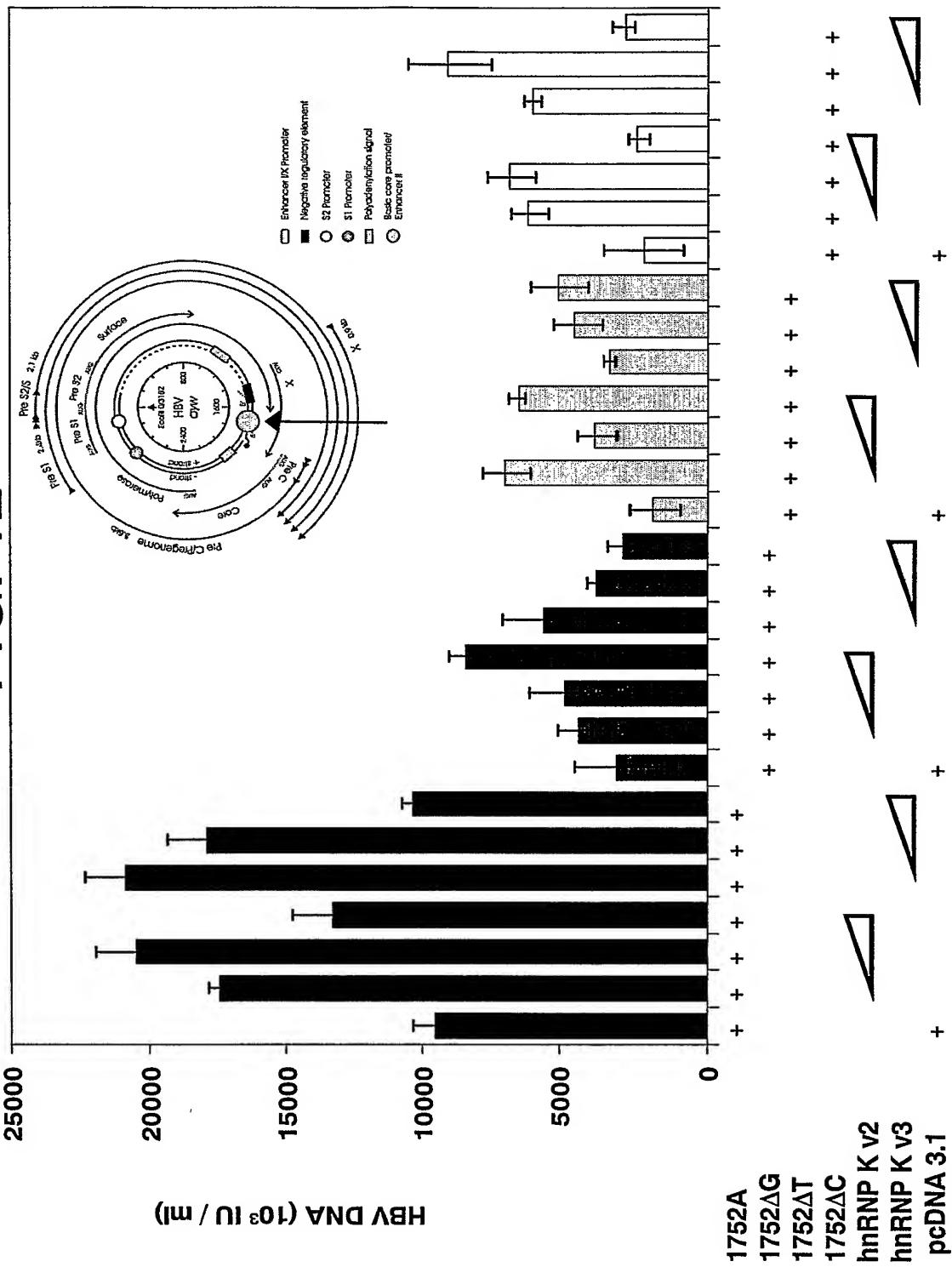
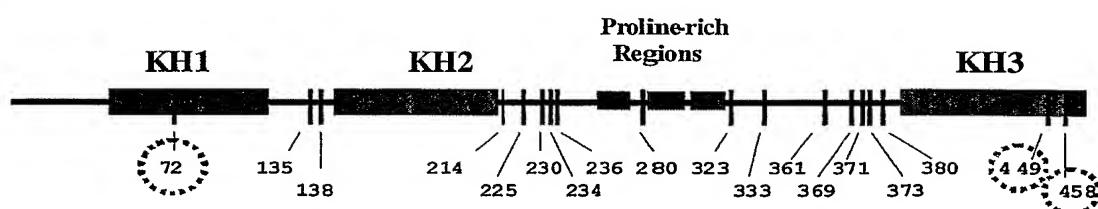
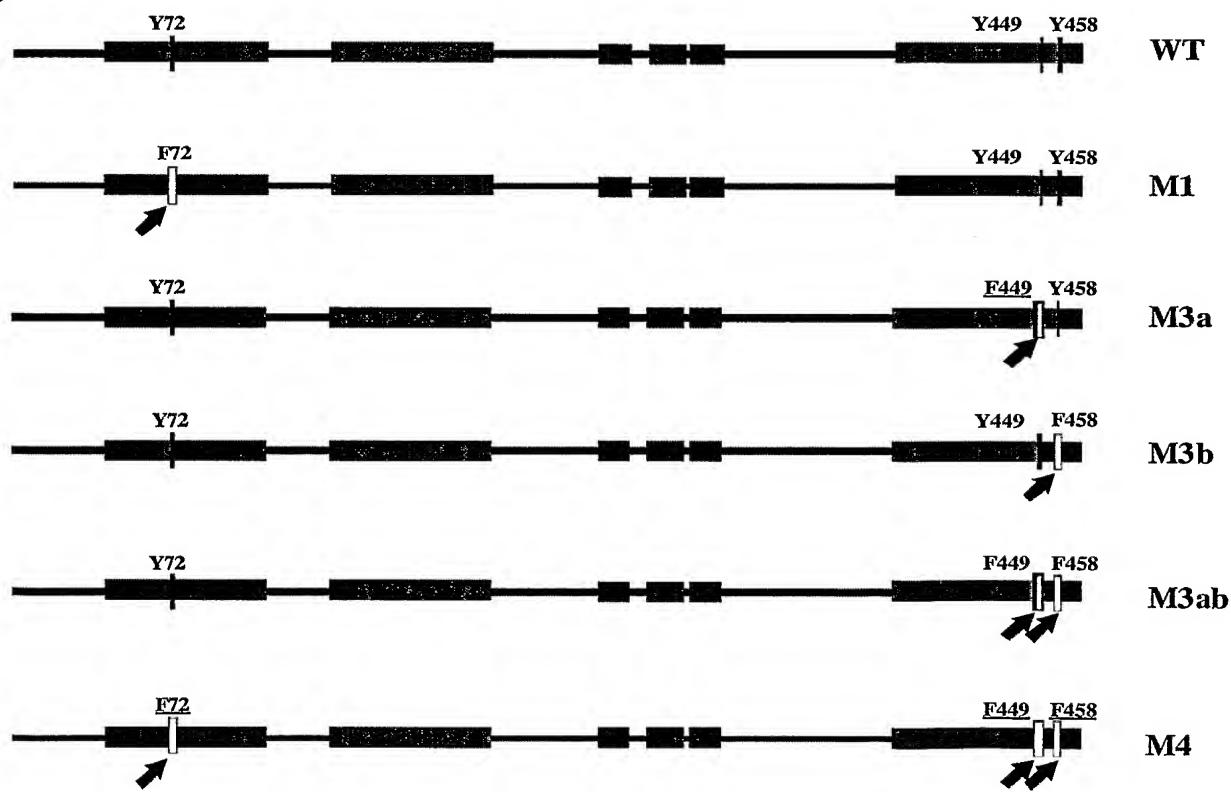


FIG. 12

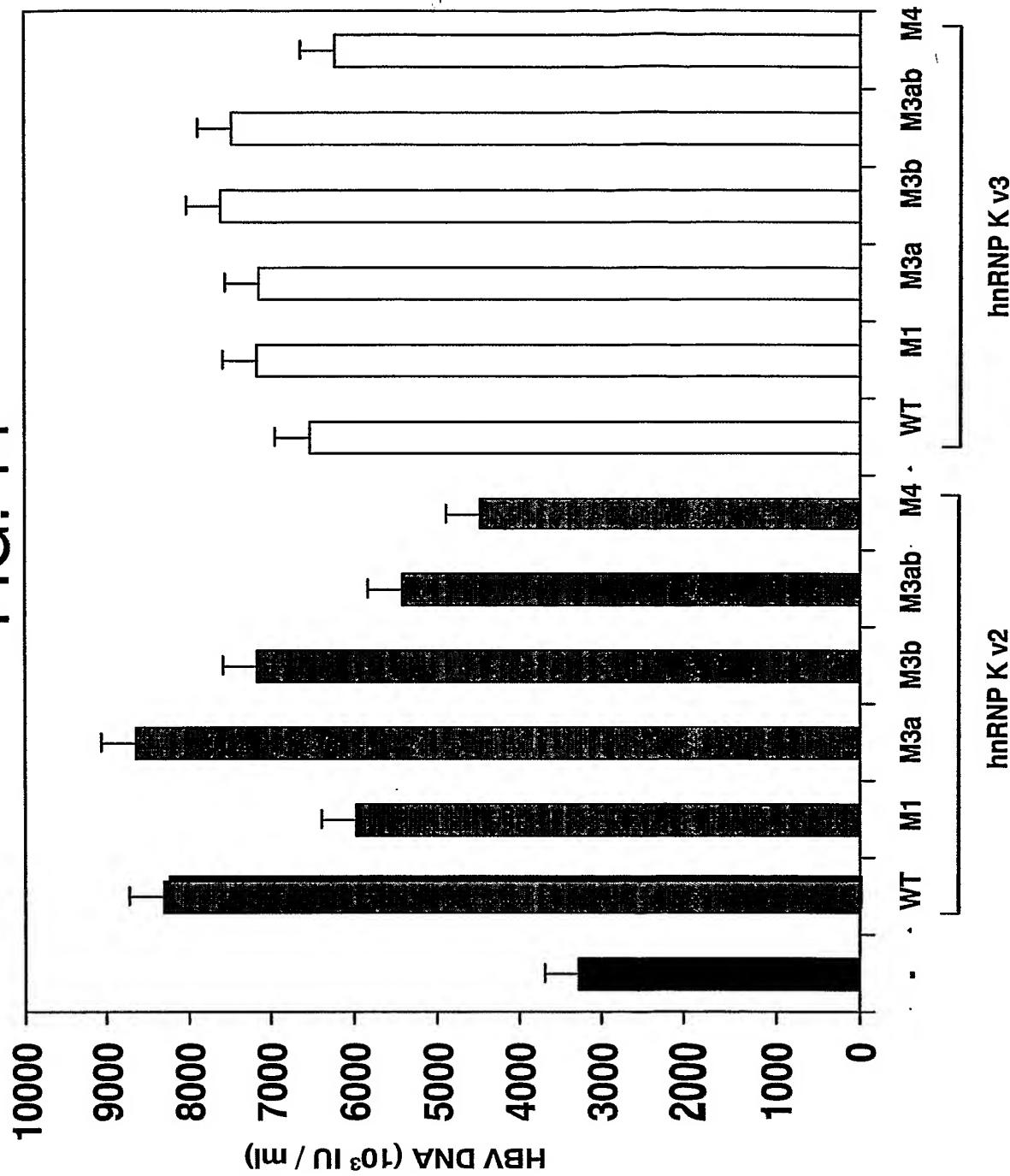
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FIG. 13

A**B**

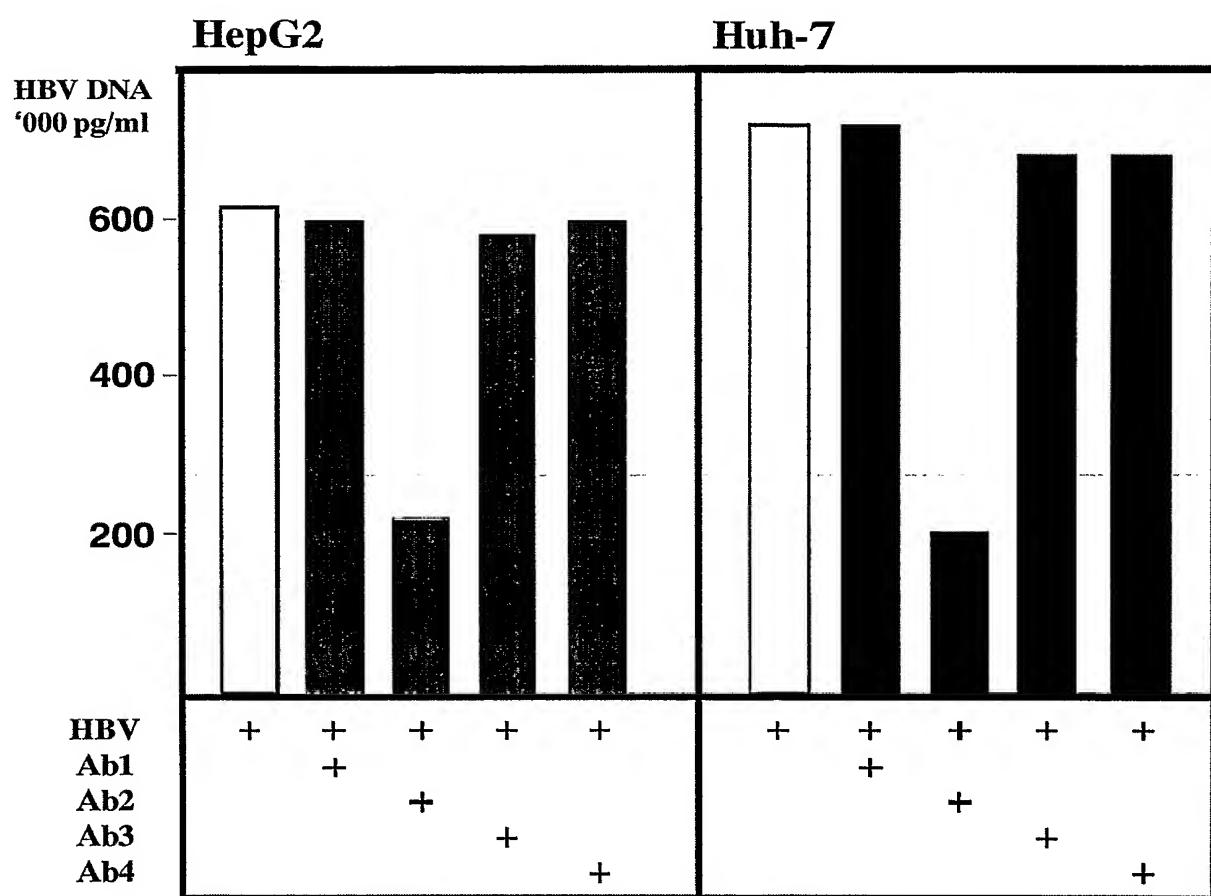
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FIG. 14



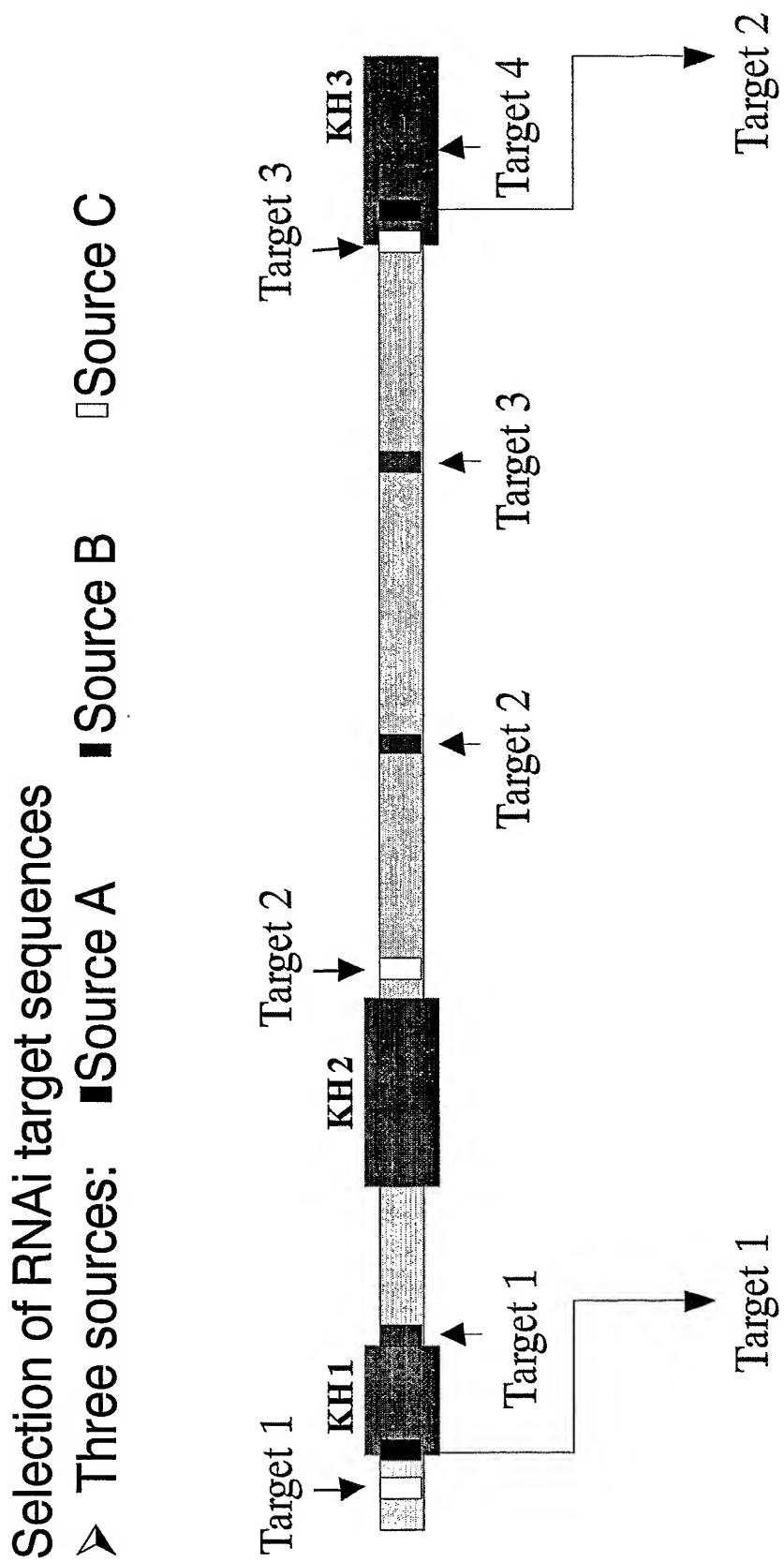
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FIG. 15



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FIG. 16



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FIG. 17

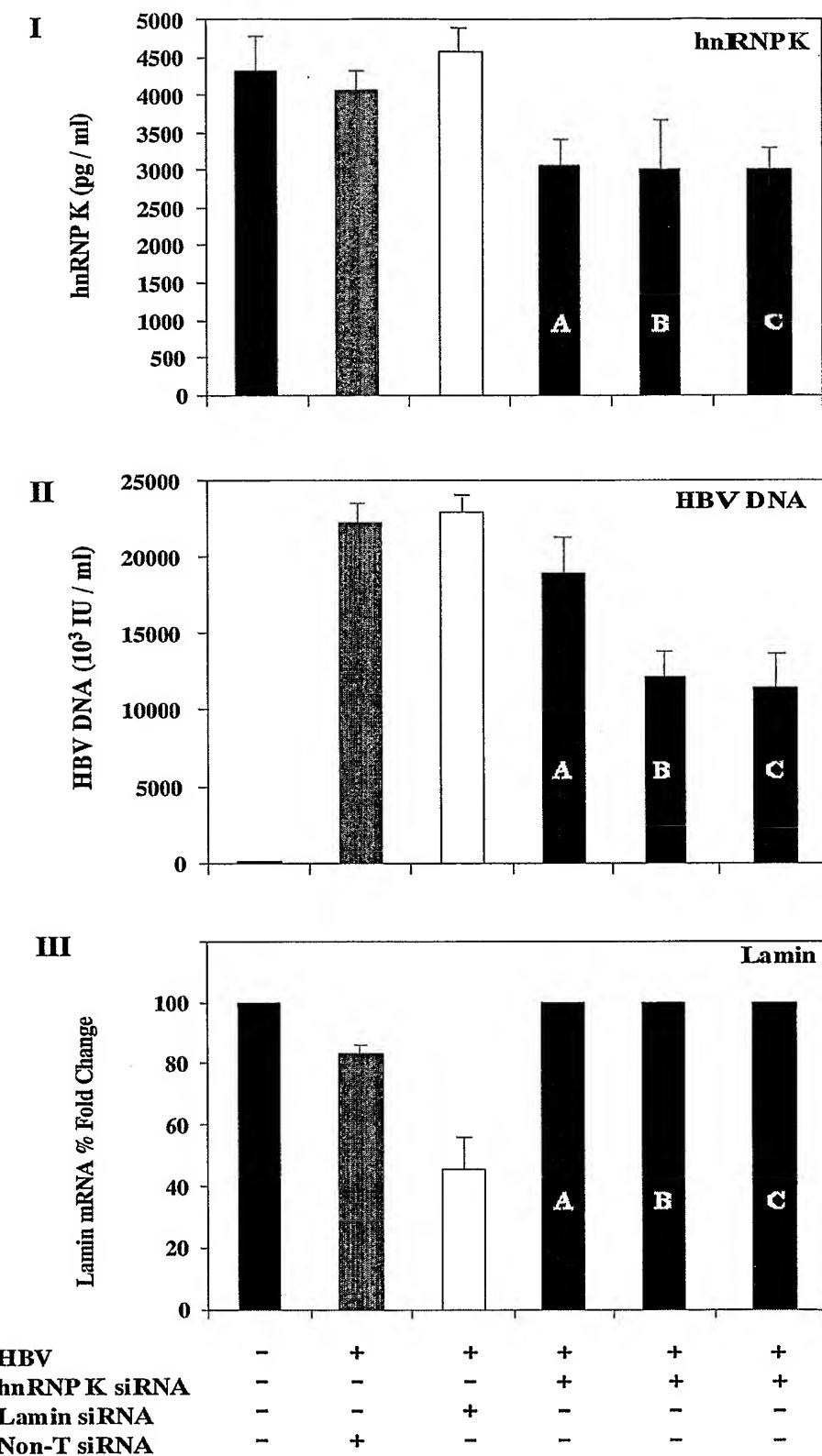


FIG. 18

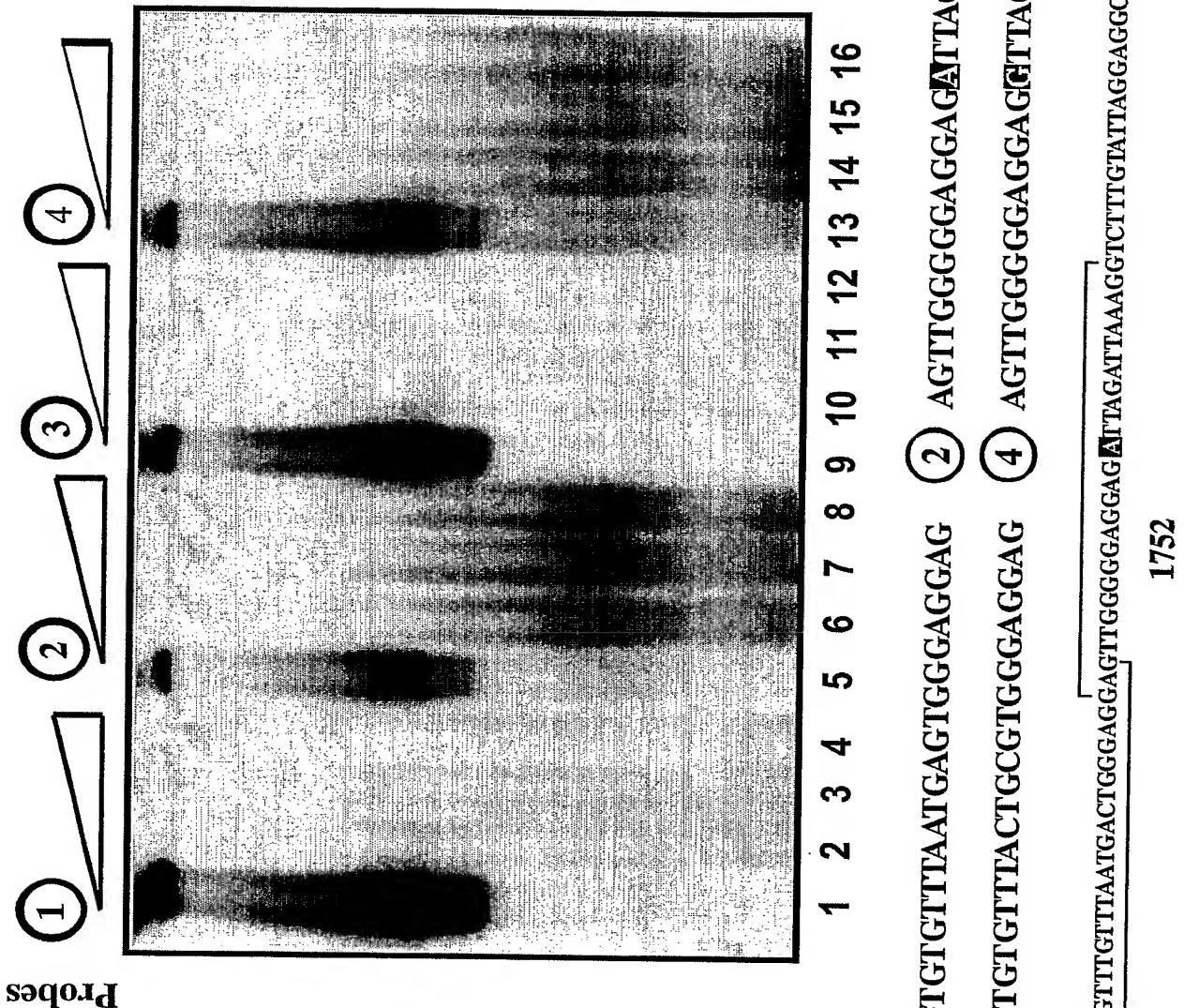


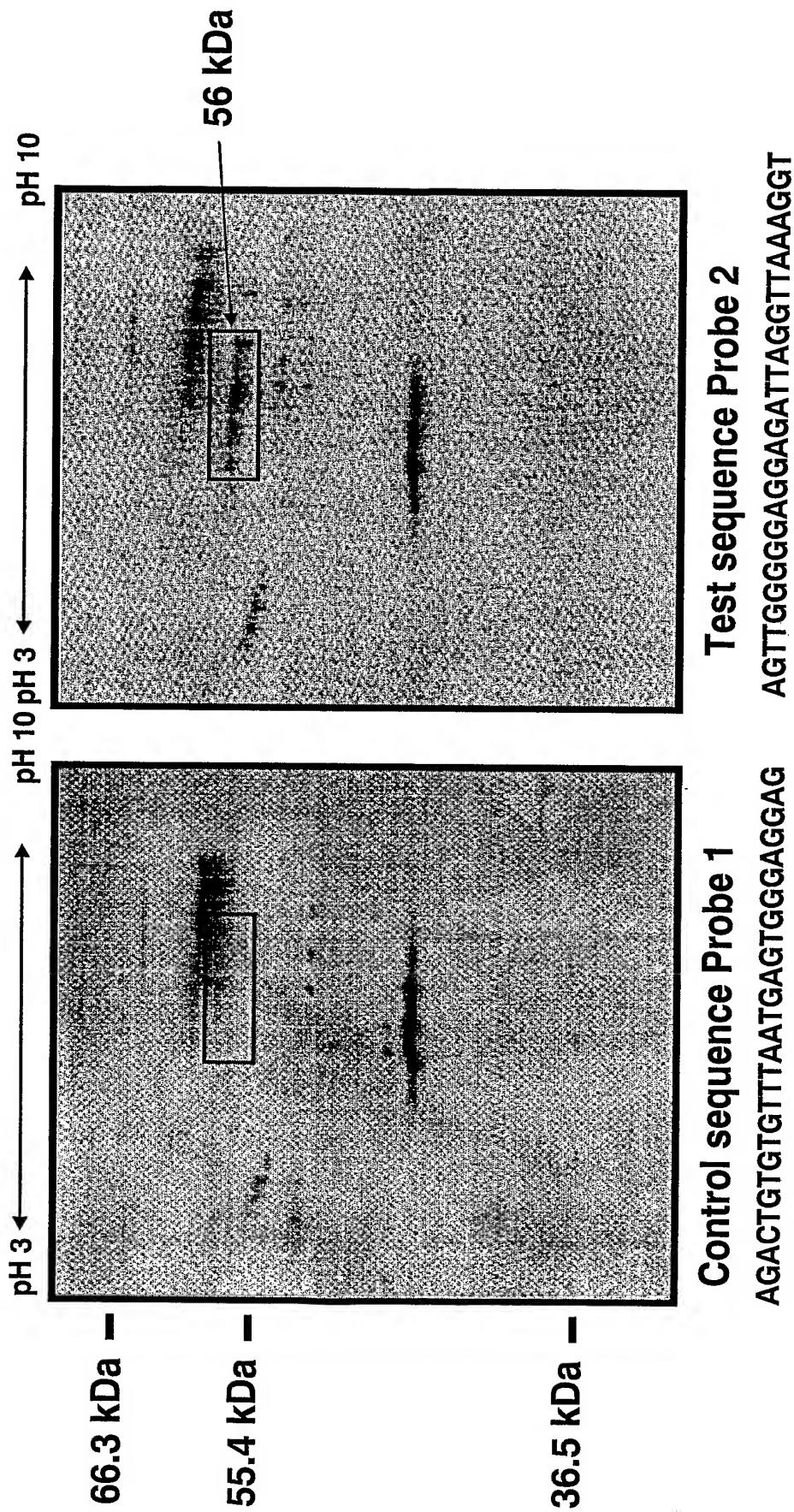
FIG. 19

FIG. 20

Mass: 48708 **Total score:** 607 **Peptides matched:** 21

Query	Observed	Mr(expt)	Mr(Calc)	Score	Peptide
3	437.2488	872.4821	872.4967	16	DLAGSIIGK
5	499.2279	996.4402	996.4334	44	GDDIMAYDR
8	351.8774	1052.6088	1052.6088	33	VVLIGGKPDR
9	549.7244	1097.4332	1097.4573	27	GSDFDCELR
10	553.7588	1105.5019	1105.5073	55	NTDEMVELR
11	385.1795	1152.5150	1152.5345	39	GDDIMAYDR
12	390.5085	1168.5021	1168.5294	(19)	GDDIMAYDR
13	597.8453	1193.6749	1193.6920	29	NLPLPPPPPR
14	597.8495	1193.6833	1193.6920	(18)	NLPLPPPPPR
15	597.8527	1193.6898	1193.6920	(24)	NLPLPPPPPR
16	630.2869	1258.5582	1258.5677	60	IDEPLEGSEDR
17	670.8989	1339.7822	1339.7962	88	IILDLISESPIK
18	450.5459	1348.6142	1348.6405	45	SRNTDEMVELR
21	506.9706	1517.8884	1517.9293	18	LLHQSLAGGIIGVK
22	511.9268	1532.7569	1532.7874	22	TIPTLEYYQHYK
24	517.2101	1548.6068	1548.6701	16	LFQECCPHSTDR
25	518.6332	1552.8761	1552.9188	16	IILDLISESPIKGR
27	579.2644	1734.7697	1734.7995	15	RPAEDMEEEQAFKR
28	594.2626	1779.7642	1779.7911	(12)	TDYNASVSPDSSGPER
29	890.9033	1779.7910	1779.7911	62	TDYNASVSPDSSGPER
33	707.6703	2119.9874	2120.0134	23	AIRTDYNAASVSPDSSG

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FIG. 21

hnRNPK variant 2
hnRNPK variant 3
HBV-binding protein

